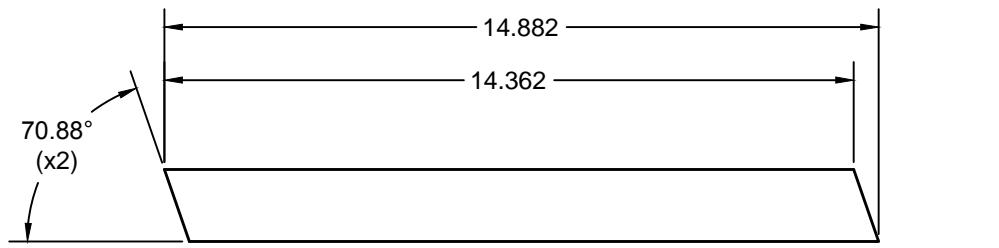
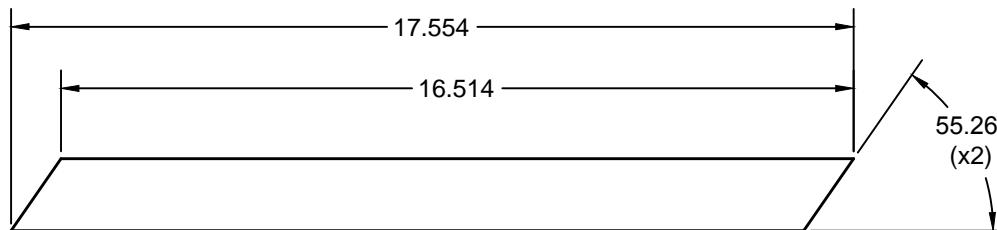
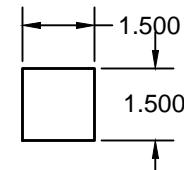


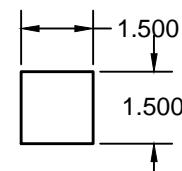
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-404



-406

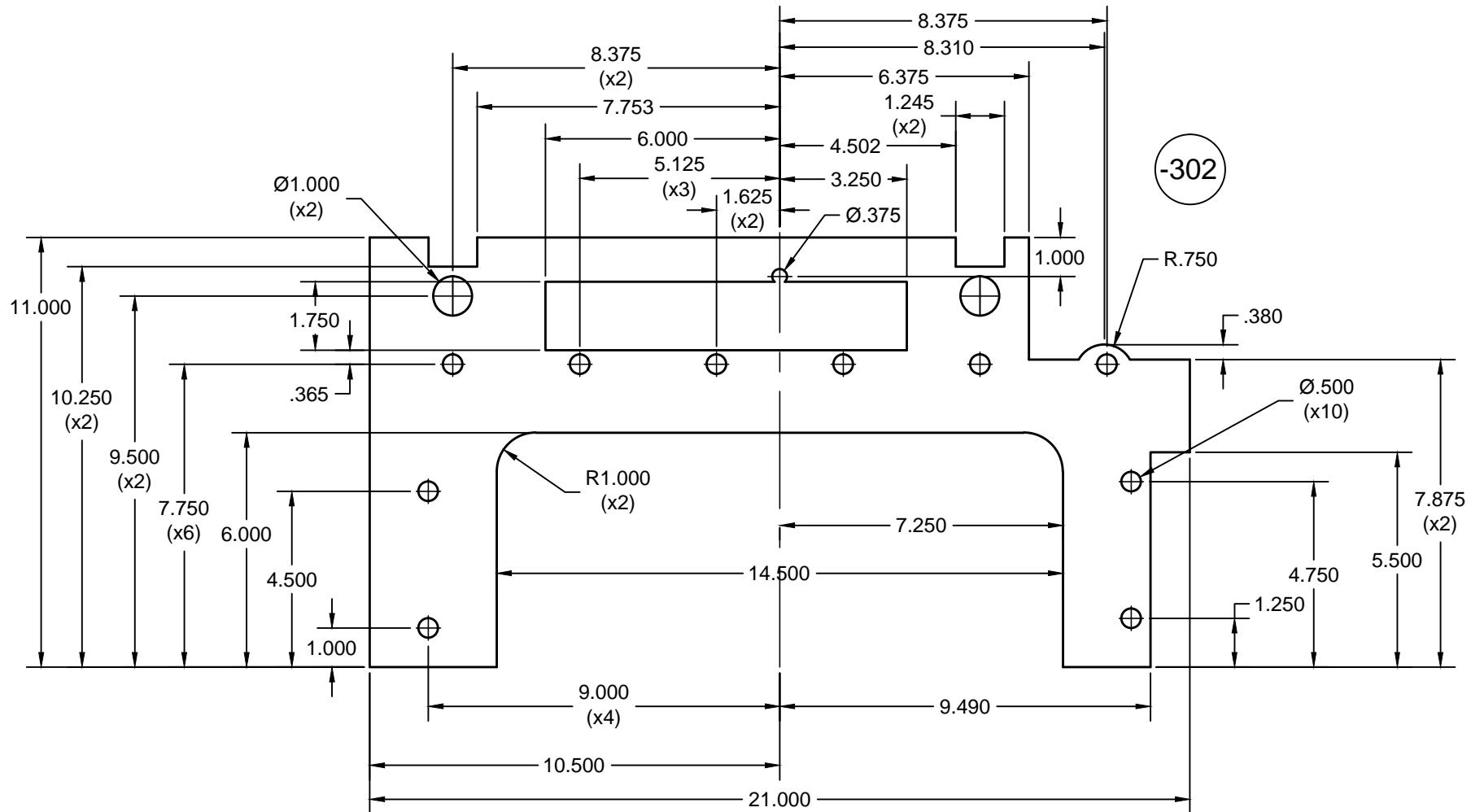


PART #	QTY	DESCRIPTION
-404	2	6061 1-1/2 x 1-1/2 x 15 SQ. BAR
-406	2	6061 1-1/2 x 1-1/2 x 17-3/4 SQ. BAR

USED ON MODEL	DRAWN BY: PERRITT		
414-100	APPROVED		
CH-47D	HEAT TREAT		
	FINISH SPEC --		
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 XX ± .01 X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°		
	1. BREAK ALL SHARP EDGES 015 x 45° PR 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		

RB RED BARN MACHINE
TITLE -401 ASSEM.
DWG NO. 145G0124 REV
SCALE NTS DATE 3-09-06 SHEET 1 of 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

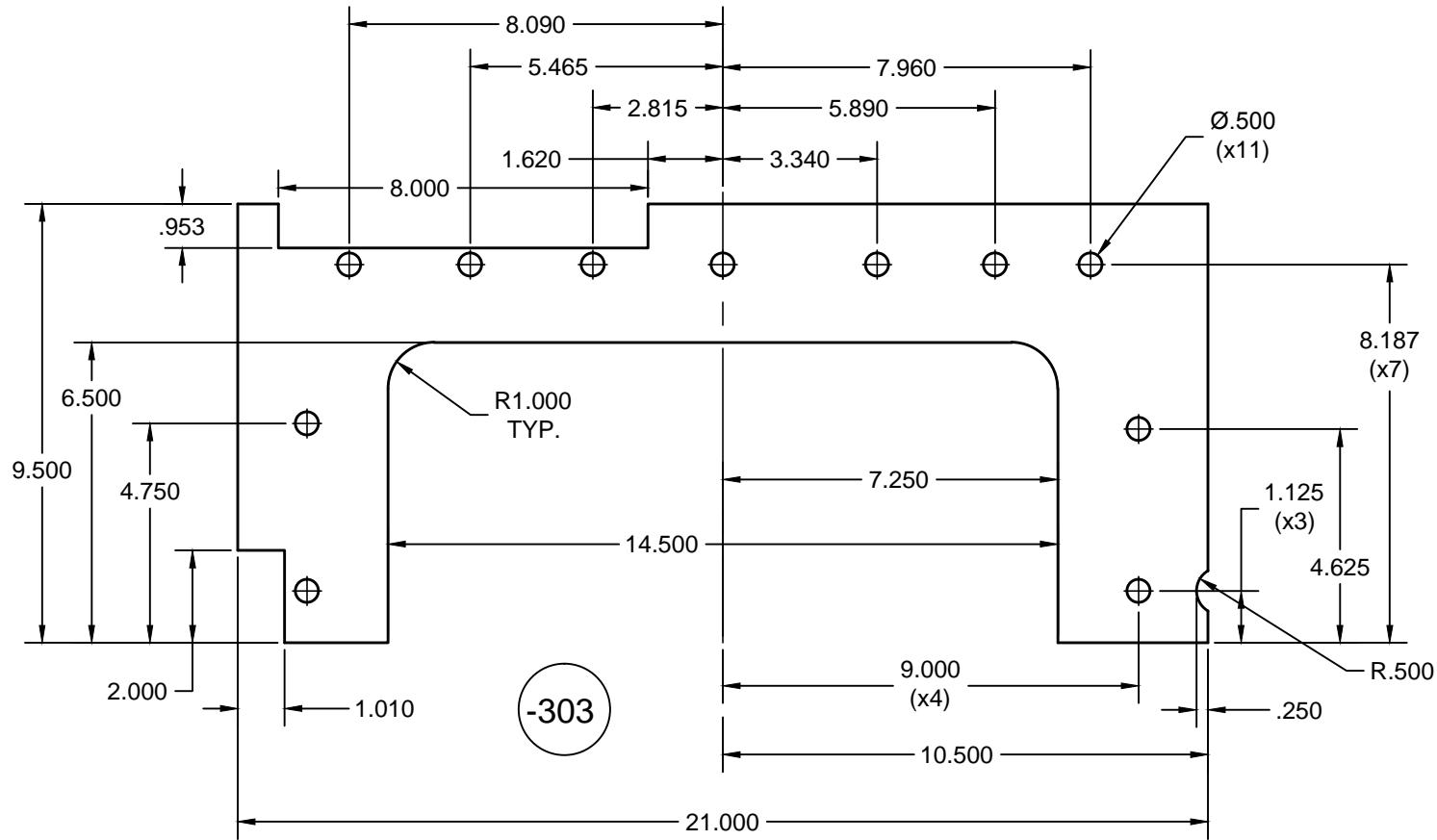


PART #	QTY	DESCRIPTION
-302	1	PHENOLIC .06 x 11.25 x 21.5
		USED ON MODEL
		414-100
		CH-47D

DRAWN BY: PERRITT
 APPROVED
 HEAT TREAT
 FINISH SPEC --
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON:
 DECIMALS XXX \pm .005 FRACTIONS \pm 1/32
 XX \pm .01 ANGLES \pm 5°
 X \pm .1
 UNLESS OTHERWISE SPECIFIED
 1. BREAK ALL SHARP EDGES
 015 x 45° PR 015 R
 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
 TITLE -201 ASSEM.
 DWG NO. 145G0124 REV
 SCALE NTS DATE 3-20-06 SHEET 1 of 2

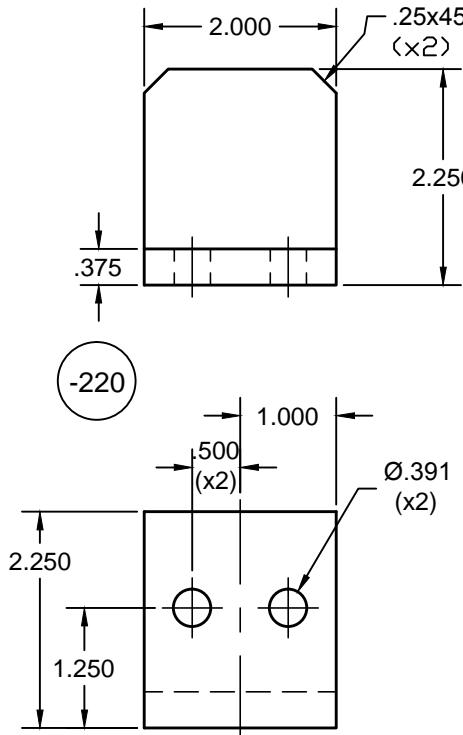
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



PART #	QTY	DESCRIPTION
-303	1	PHENOLIC .06 x 10 x 21.5
		USED ON MODEL
		414-100
		CH-47D

DRAWN BY: PERRITT	TITLE		
APPROVED	RED BARN MACHINE		
HEAT TREAT	-201 ASSEM.		
FINISH SPEC --	DWG NO. 145G0124		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1			
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 x 45° PR 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE NTS	DATE 3-20-06	SHEET 2 of 2	REV

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

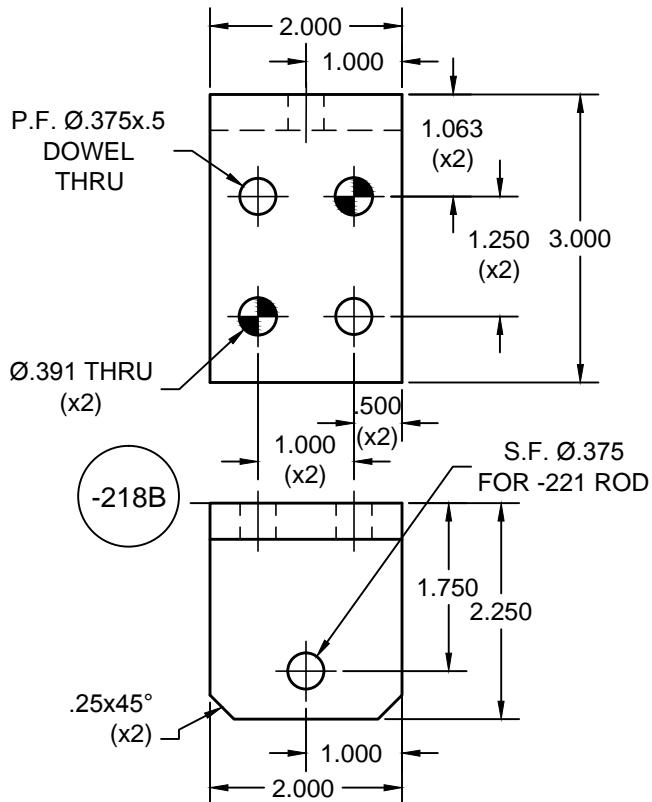
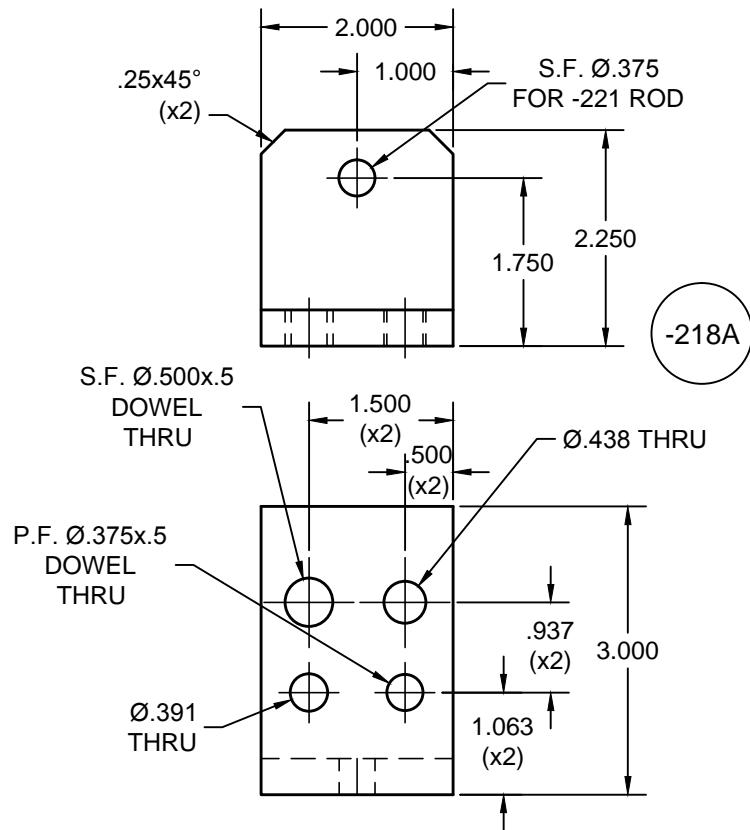


PART #	QTY	DESCRIPTION
-220	2	A-36 ANGLE 3 x 3 x 3/8 x 2 LONG
	2	Ø3/8-16 x 3/4 HEX HD. CAP SCRES

DRAWN BY: PERRITT
 APPROVED
 HEAT TREAT
 FINISH SPEC --
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON:
 DECIMALS .XXX ± .005 FRACTIONS ± 1/32
 XX ± .01 ANGLES ± 5°
 X ± .1
 UNLESS OTHERWISE SPECIFIED
 1. BREAK ALL SHARP EDGES
 Ø15 x 45° PR 015 R
 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
 TITLE -201 ASSEM.
 DWG NO. 145G0124 REV
 SCALE NTS DATE 3-20-06 SHEET 1 of 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



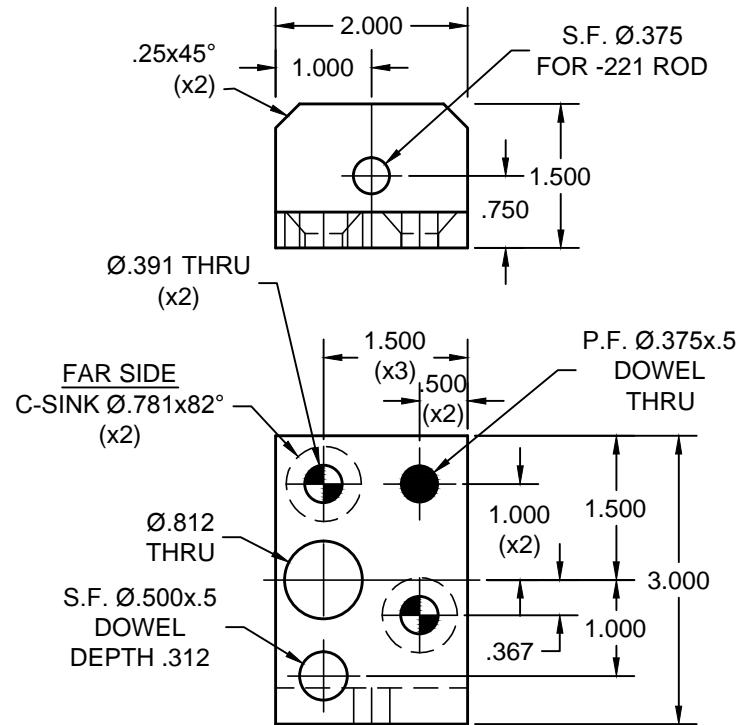
PART #	QTY	DESCRIPTION
-218A	1	A-36 ANGLE 3x3x3/8x2 LONG
-218B	1	A-36 ANGLE 3x3x3/8x2 LONG

USED ON MODEL
414-100
CH-47D

DRAWN BY: PERRITT
APPROVED
HEAT TREAT
FINISH SPEC --
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS XXX \pm .005 FRACTIONS \pm 1/32
XX \pm .01 ANGLES \pm 5°
X \pm .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
015 x 45° PR 015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
TITLE -201 ASSEM.
DWG NO. 145G0124 REV
SCALE NTS DATE 3-20-06 SHEET 1 of 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



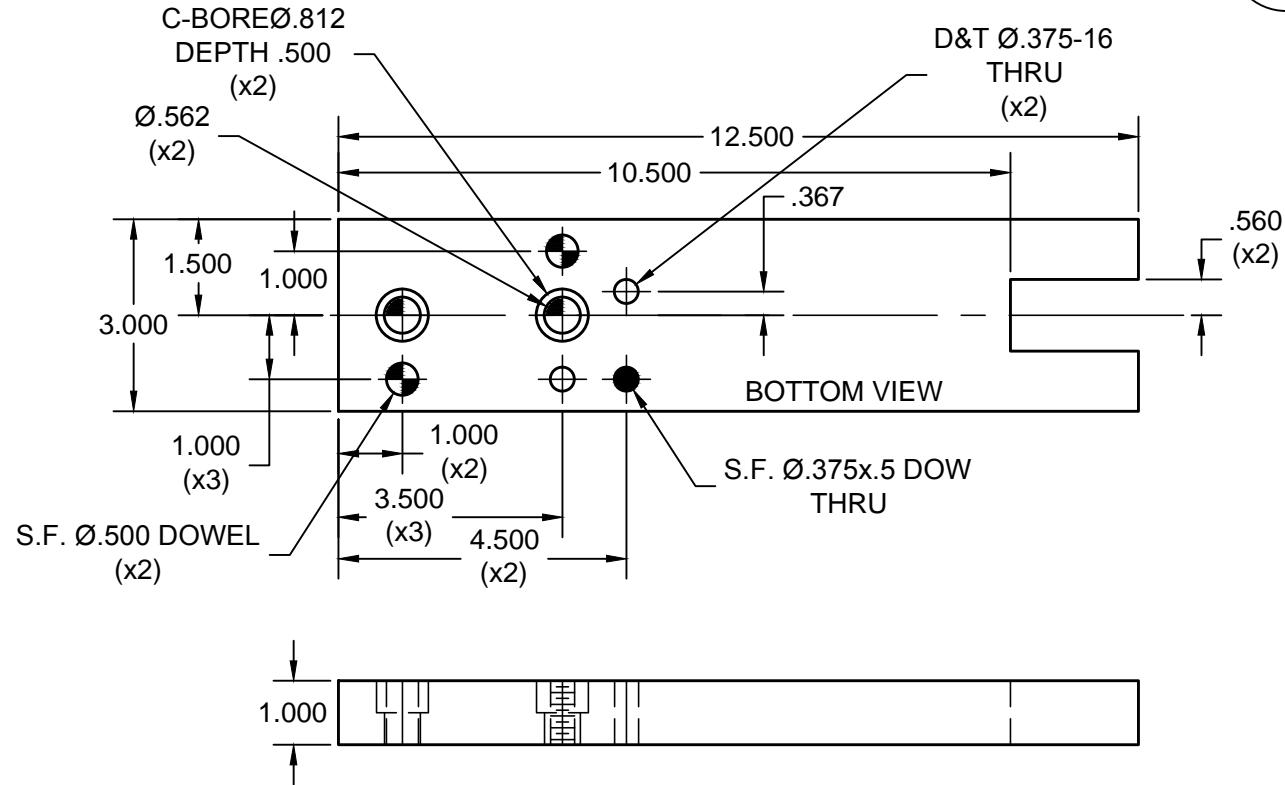
PART #	QTY	DESCRIPTION
-219	1	A-36 ANGLE 3 x 3 x 3/8 x 2 LONG
		USED ON MODEL
		414-100
		CH-47D

DRAWN BY: PERRITT
 APPROVED
 HEAT TREAT
 FINISH SPEC --
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON:
 DECIMALS XXX \pm .005 FRACTIONS \pm 1/32
 XX \pm .01 ANGLES \pm 5°
 X \pm .1
 UNLESS OTHERWISE SPECIFIED
 1. BREAK ALL SHARP EDGES
 015 x 45° PR 015 R
 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
 TITLE -201 ASSEM.
 DWG NO. 145G0124 REV
 SCALE NTS DATE 3-20-06 SHEET 1 of 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

-232

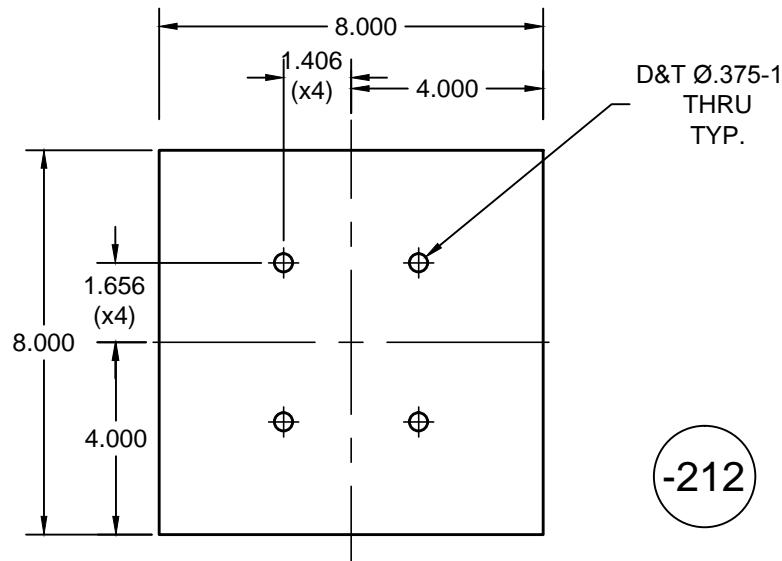


PART #	QTY	DESCRIPTION
-232	1	4140 1 x 3 x 12.5
	1	Ø3/8 x .5 STL. DOWEL
	2	Ø3/8-16 x 1 FL. HD. CAP SCREW
	2	Ø1/2-13 x 1-1/4 HEX HD. CAP SCREW
	2	Ø1/2 x 1 STL. DOWEL

DRAWN BY: PERRITT
APPROVED
HEAT TREAT
FINISH
SPEC --
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1
1. BREAK ALL SHARP EDGES 015 x 45° PR 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB	RED BARN MACHINE
TITLE	-201 ASSEM.
DWG NO.	145G0124
REV	
SCALE	NTS
DATE	3-20-06
SHEET	1 of 4

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-212

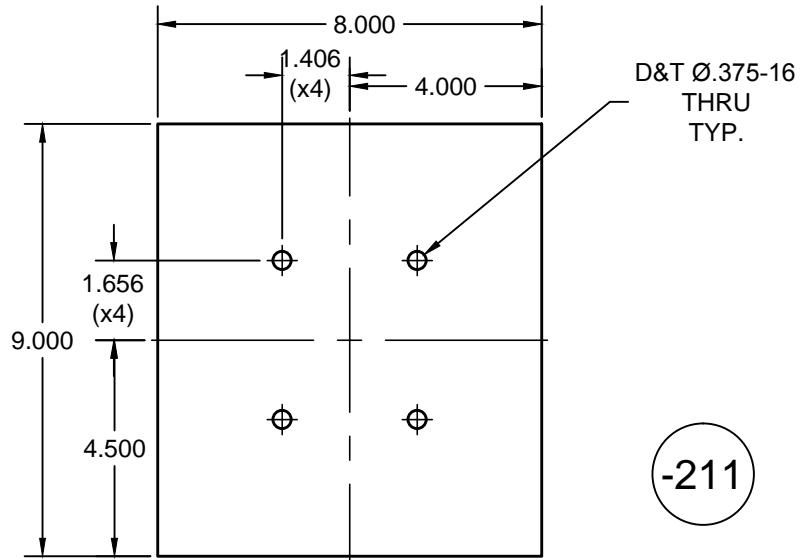


PART #	QTY	DESCRIPTION
-212	2	1018 .75x8x8 PLATE
		USED ON MODEL
		414-100
		CH-47D

DRAWN BY: PERRITT
 APPROVED
 HEAT TREAT
 FINISH SPEC --
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON:
 DECIMALS XXX \pm .005 FRACTIONS \pm 1/32
 XX \pm .01 ANGLES \pm 5°
 X \pm .1
 UNLESS OTHERWISE SPECIFIED
 1. BREAK ALL SHARP EDGES
 015 x 45° PR 015 R
 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
 TITLE -201 ASSEM.
 DWG NO. 145G0124 REV
 SCALE NTS DATE 3-14-06 SHEET 1 of 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

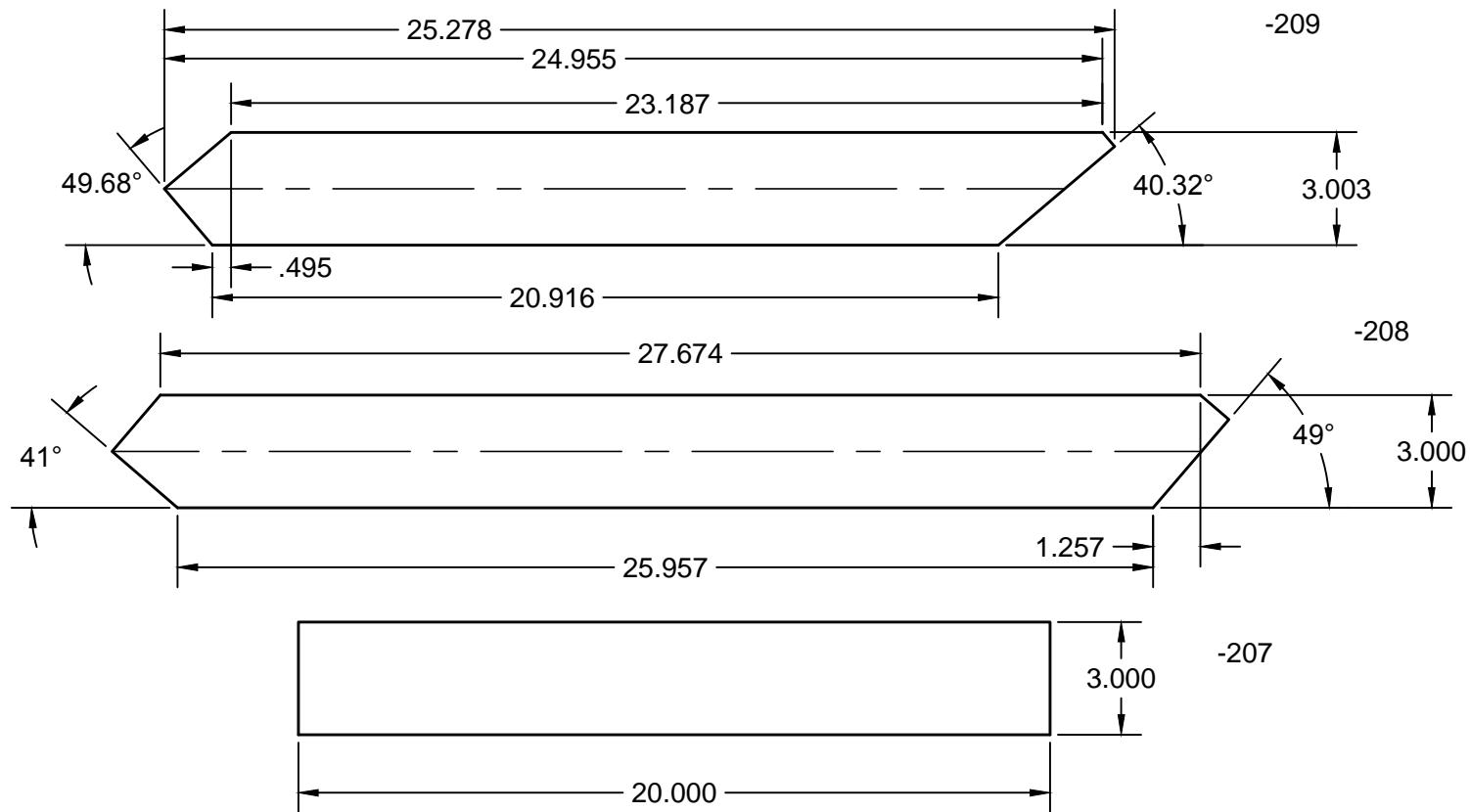


PART #	QTY	DESCRIPTION
-211	4	1018 .75x8x9 PLATE
		USED ON MODEL
		414-100
		CH-47D

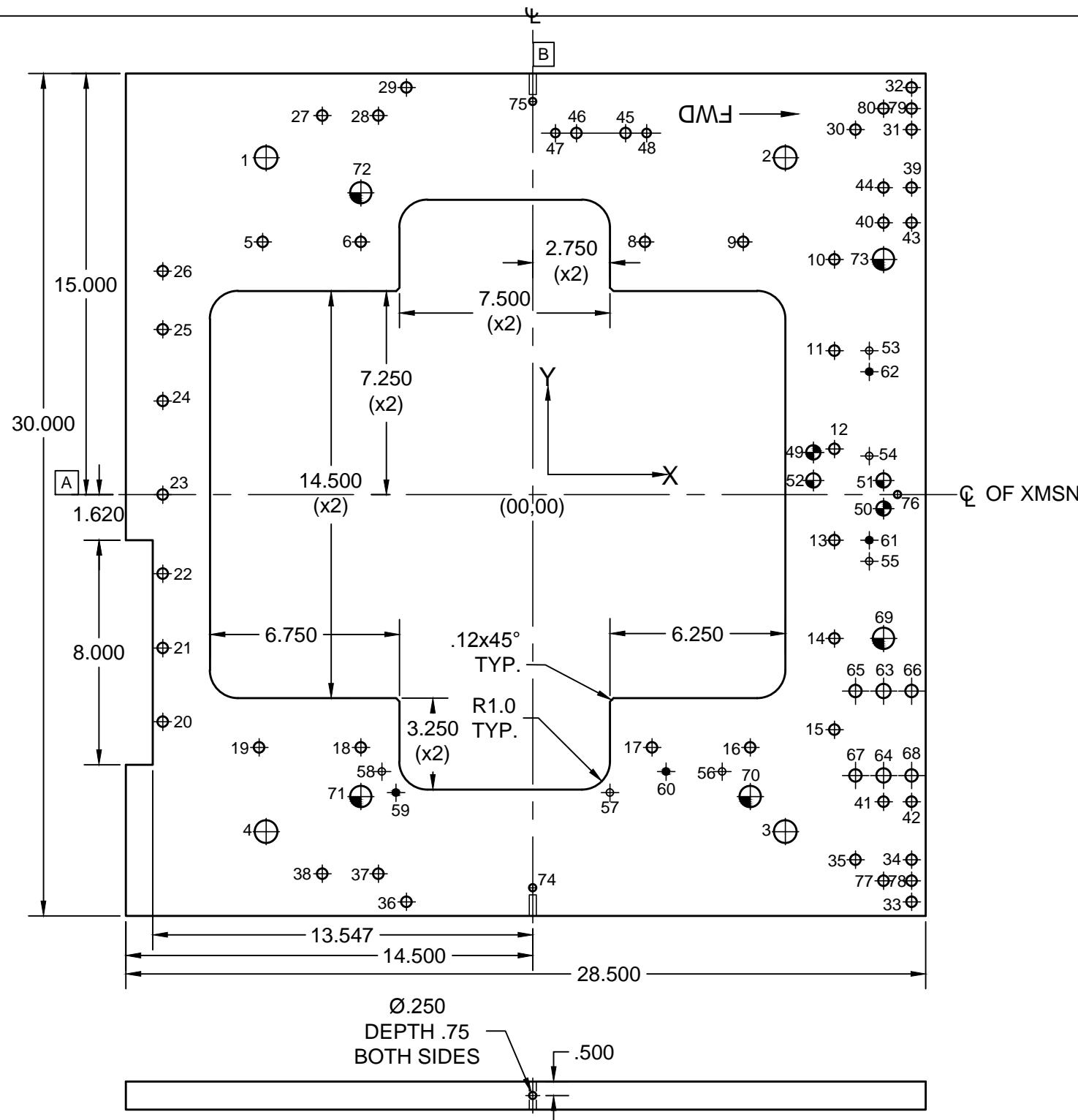
DRAWN BY: PERRITT
 APPROVED
 HEAT TREAT
 FINISH SPEC --
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON:
 DECIMALS .XXX \pm .005 FRACTIONS \pm 1/32
 XX \pm .01 ANGLES \pm 5°
 X \pm .1
 UNLESS OTHERWISE SPECIFIED
 1. BREAK ALL SHARP EDGES
 .015 x 45° PR 015 R
 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
 TITLE -201 ASSEM.
 DWG NO. 145G0124 REV
 SCALE NTS DATE 3-14-06 SHEET 1 of 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



PART #	QTY	DESCRIPTION	USED ON MODEL	DRAWN BY: PERRITT	TITLE	RED BARN MACHINE	
			414-100 CH-47D	APPROVED		-401 ASSEM.	
--	--	--		HEAT TREAT		DWG NO.	145G0124
--	--	--		FINISH SPEC	--	REV	
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XX \pm .005 XX \pm .01 X \pm .1	FRACTIONS \pm 1/32 ANGLES \pm 5°	SCALE	NTS
						DATE	3-09-06
						SHEET	1 of 1



-301

PART #	QTY	DESCRIPTION		
-301	1	6061	1x30.125 x 28.75	PLATE

DRAWN BY: PERRITT

CHECKED

HEAT
TREAT
WELDING

FINISH
SPEC

414-100 TOLERANCES ON:
DECIMALS

CH-47D .XXX ± .005 FRACTIONS ± 1/32
XX ± .01

ANGLES $\pm .5^\circ$

UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES

.015 x 45° PR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

Page 10 of 10

REVISIONS		
DESCRIPTION	DATE	APPROVED

RB RED BARN MACHINE

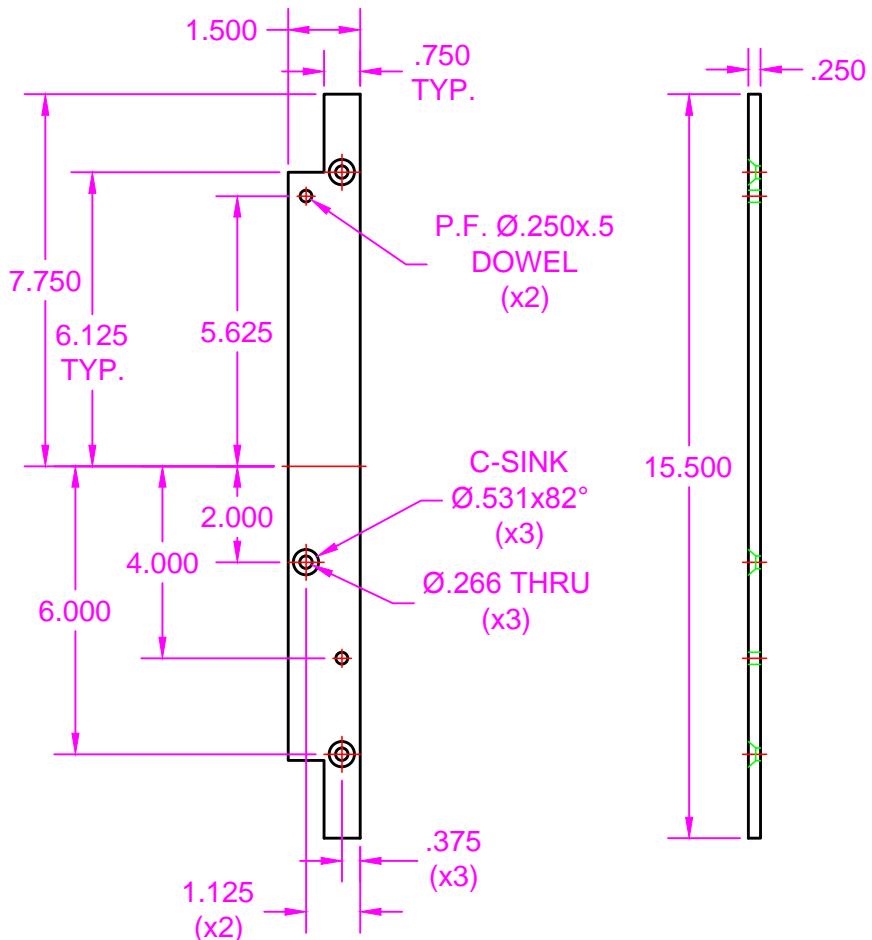
TITLE
WORKSTAND-AFT XMSN

2 DWG NO. 145G0124 REV. 1

SCALE NTS DATE 3-27-06 SHEET 6 of 1

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVE



PART #	QTY	DESCRIPTION
-415	1	1018 .25 x 1.5 x 15.625 FL. BAR
	2	Ø1/4 x .5 STL. DOWEL
	3	Ø1/4-20 x 3/4 FL. HD. CAP SCREW

DRAWN BY:	PERRITT
APPROVED	
HEAT TREAT	
FINISH SPEC	--
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	
.XXX ± .005	
XX ± .01	
X ± .1	
FRACTIONS ± 1/32	
ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
.015 x 45° PR. 015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	



RED BARN MACHINE

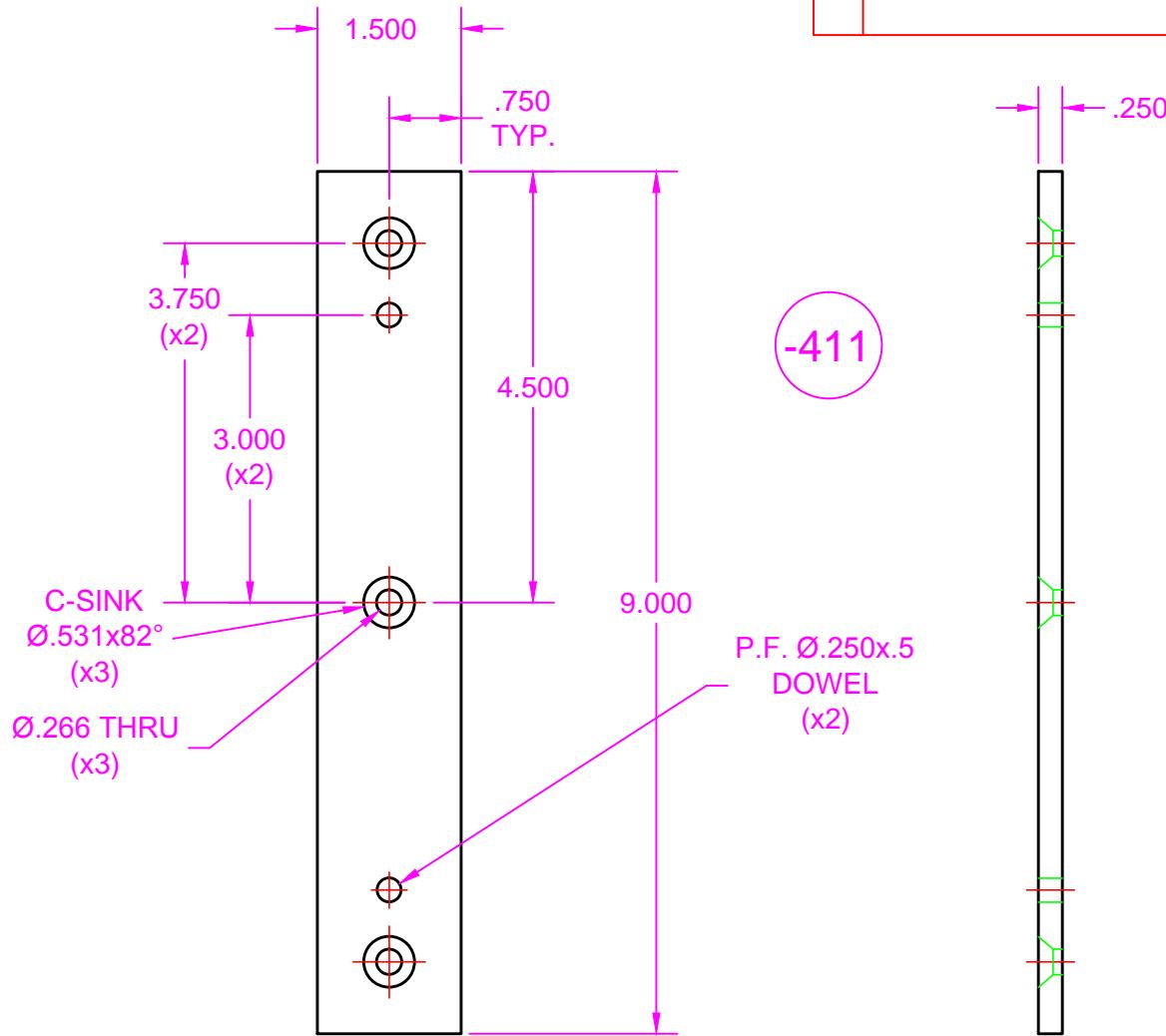
-201 ASSEM.

145G0124

R

SCALE NTS DATE 3-09-06 SHEET 1 of 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVE



PART #	QTY	DESCRIPTION
-411	1	6061 .25 x 1.5 x 9.125 FL. BAR
	2	Ø1/4 x .5 STL. DOWEL
	3	Ø1/4-20 x 3/4 FL. HD. CAP SCREW

DRAWN BY:	PERRITT
APPROVED	
HEAT TREAT	
FINISH SPEC	--
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
DECIMALS	
.XXX ± .005	
XX ± .01	
X ± .1	
FRACTIONS ± 1/32	
ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
.015 x 45° PR. 015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	



RED BARN MACHINE

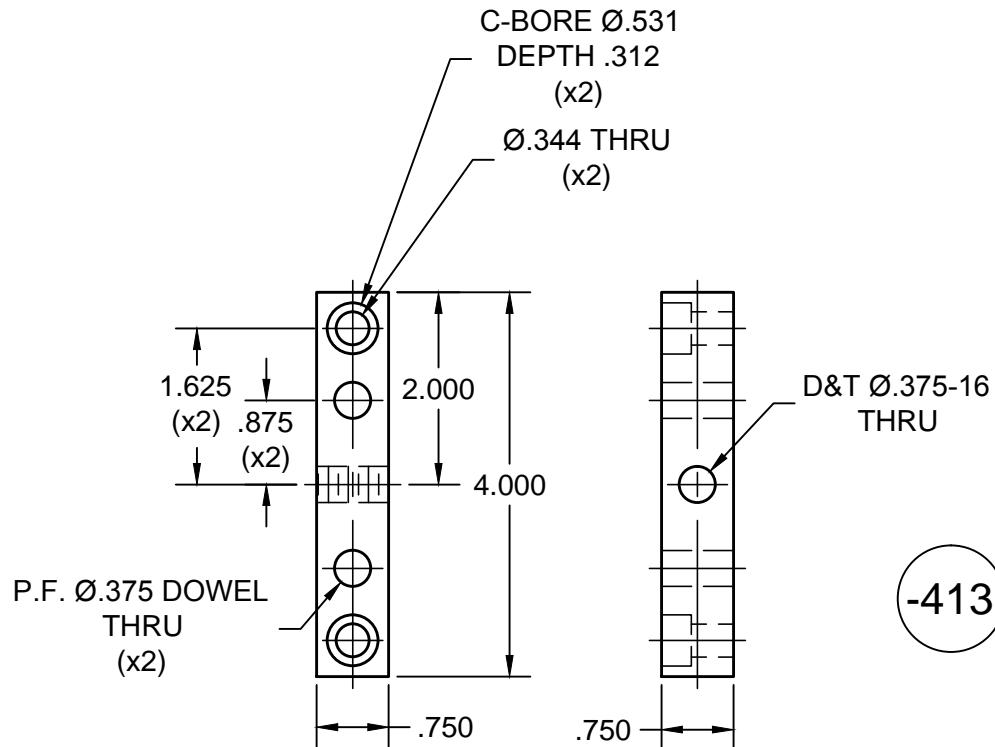
-201 ASSEM.

145G0124

R

SCALE NTS DATE 3-09-06 SHEET 1 of 4

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-413

PART #	QTY	DESCRIPTION
-413	1	1018 .75 x .75 x 4.125 SQ. BAR
	2	Ø5/16-18 x1.25 HEX HD. CAP SCREW
	2	Ø3/8 x 1 STL. DOWEL

DRAWN BY: PERRITT
APPROVED
HEAT TREAT
FINISH SPEC --
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1
USED ON MODEL
414-100
CH-47D
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING



RED BARN MACHINE

-201 ASSEM.

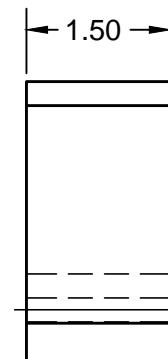
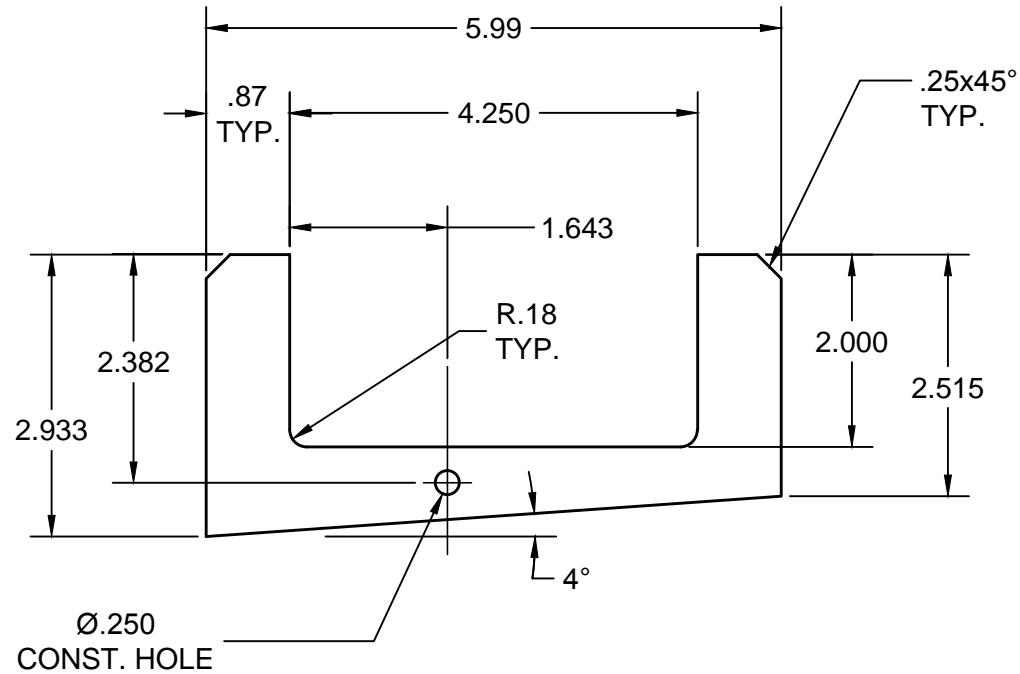
145G0124

REV

SCALE NTS DATE 3-09-06 SHEET 1 of 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

-405



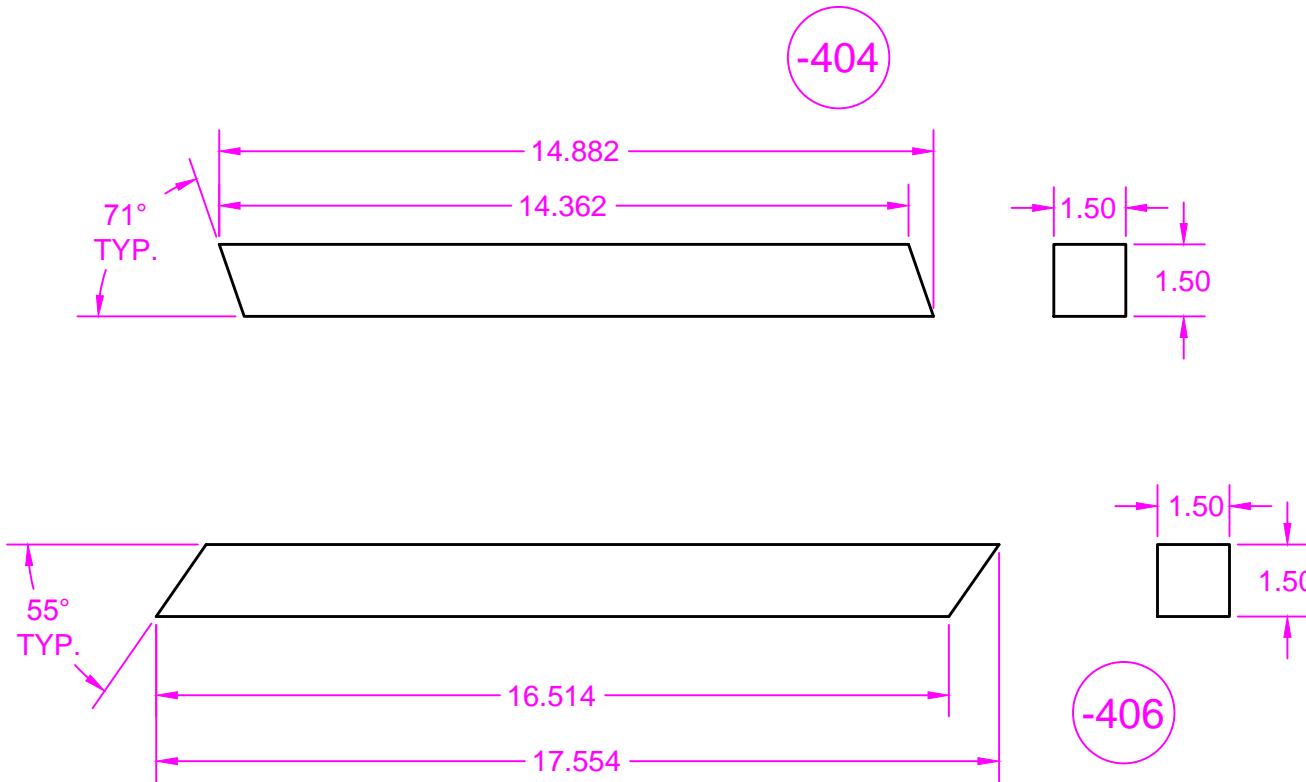
PART #	QTY	DESCRIPTION
-405	2	6061 ALUM 1.5 x 3.125 x 6.25
--	--	--

USED ON MODEL
414-100
CH-47D

DRAWN BY: PERRITT
APPROVED
HEAT TREAT
FINISH SPEC --
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS XXX \pm .005 FRACTIONS \pm 1/32
XX \pm .01 ANGLES \pm 5°
X \pm .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
015 x 45° PR 015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
TITLE -401 ASSEM.
DWG NO. 145G0124 REV
SCALE NTS DATE 3-09-06 SHEET 1 of 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVE

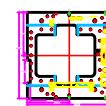
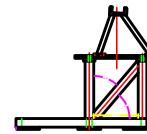
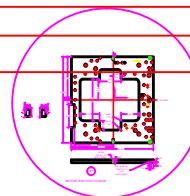


PART #			QTY	DESCRIPTION	USED ON MODEL	DRAWN BY: PERRITT	APPROVED	HEAT TREAT	FINISH SPEC	TITLE	DWG NO.	SCALE	DATE	SHEET
-404	2			6061 ALUM 1.5 x 1.5 x 15.5 SQ. BAR	414-100				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1			NTS	3-09-06	1 of 1
-406	2			6061 ALUM 1.5 x 1.5 x 18.25 SQ. BAR	CH-47D				FRACTIONS ± 1/32 ANGLES ± 5°					

UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 x 45° PR. .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
-401 ASSEM.
145G0124 RI

REV		DESCRIPTION		DATE	APPROVE



NOT APPROVED FOR PRODUCTION

PART #	QTY	DESCRIPTION
-1	1	41L40 Ø5/8 x 3/4

USED ON MODEL

414-100

CH-47D

DRAWN BY: PERRITT

APPROVED

HEAT

TREAT

FINISH

SPEC

--

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES ON:

DECIMALS

.XXX ± .005

.XX ± .01

X ± .1

FRACTIONS ± 1/32

ANGLES ± 5°

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES

.015 x 45° PR. .015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING



RED BARN MACHINE

TITLE

PART #

R

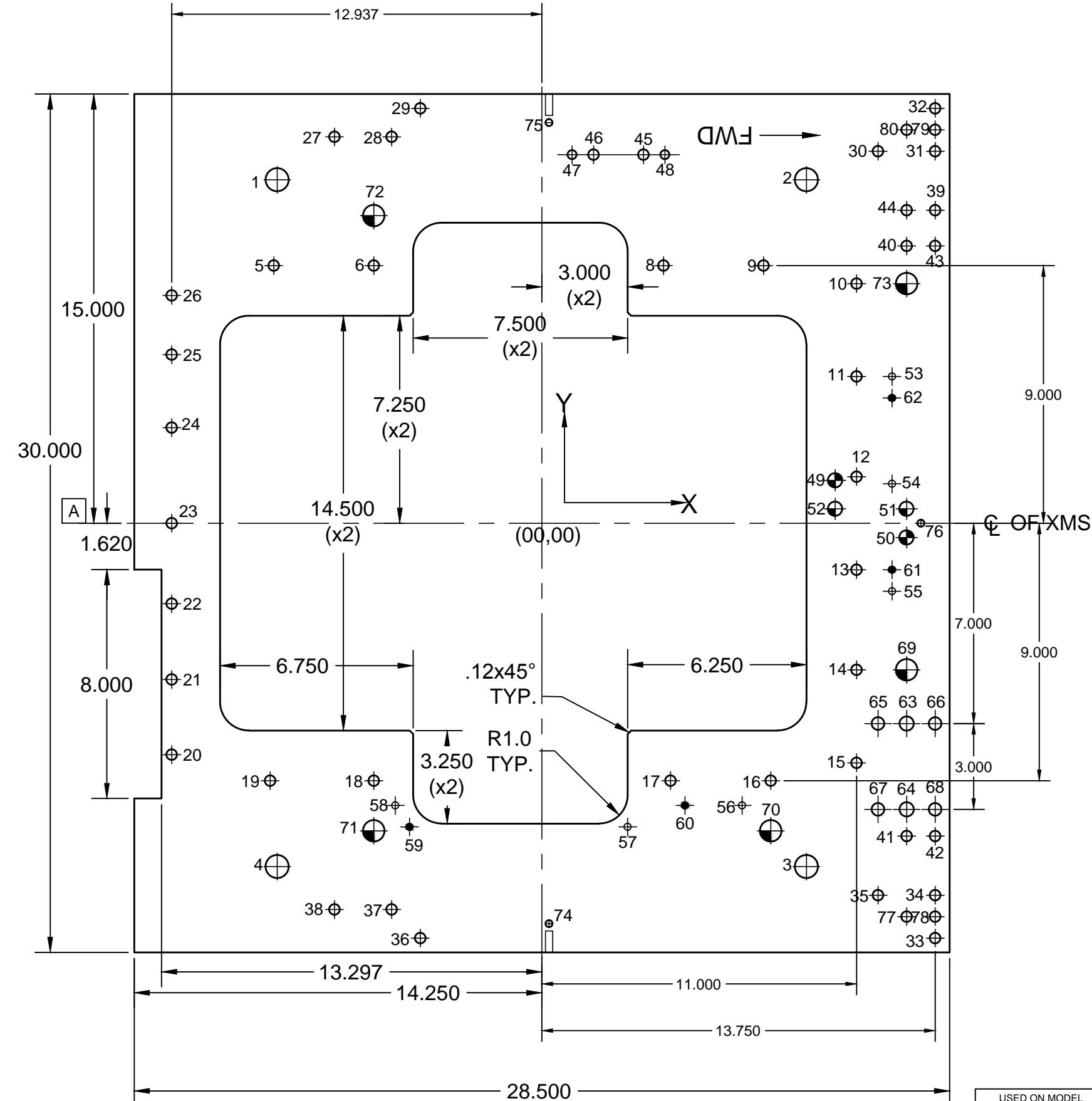
DWG NO.

NTS

DATE 2-23-06

SHEET 1 of 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



DRAWN BY: PERRITT
CHECKED
HEAT
TREAT
FINISH
SPEC

USED ON MODEL
414-100
CH-47D

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS .XXX ± .005 .XX ± .01 .X ± .1
FRACTIONS ± 1/32 ANGLES ± 5°

1. BREAK ALL SHARP EDGES
0.15 x 45° PR. 0.015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

PART #	QTY	DESCRIPTION
-1	1	4140 3/16 x 1 1/2 x 4
TITLE: RED BARN MACHINE		
PART #		REV.
NTS	DATE 2-23-06	SHEET 1 of 1